GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:2403
ANSWERED ON:04.12.2000
ELECTRICITY TO VILLAGES THROUGH NCES .
RAM SHAKAL

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government have formulated any scheme to supply electricity to every village through the non-conventional energy sources by deeming each village a unit;

(b) if so, the details thereof; and

(c) the progress made in this regard so far?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES

(INDEPENDENT CHARGE) (SHRI M. KANNAPPAN)

(a),(b) &(c): The Ministry of Non-Conventional Energy Sources is implementing schemes forgeneration and supply of electricity through solar, biomass and small hydro sources in decentralised as well as grid connected modes. These schemes also cover supply of electricity to the villages. The schemes are implemented through state renewable energy agencies, state electricity boards, the Indian Renewable Energy Development Agency andreputed non-governmental organisations. Under these schemes the Government is providing central financial assistance to the implementing agencies as per details given in the Annexure. So far a total of 3,14,517 solar lanterns, 1,32,552 solar home lighting systems, 40,620 street lighting systems, 3,469 solar pumps and about 2 MW aggregate capacity of small photovoltaic power plants have been deployed in the country. A total of 1719 biomass gasifier systems aggregating to 35.5 MW capacity have been installed in the country for generation ofelectricity and other purposes. The Ministry has also supported installation of 40 portable mirco-hydel sets of 5-15 kW capacity in the country. These sets are providing electricity to individual villages or cluster of villagers in a decentralised mode.More than 1,000 villages and hamlets are receiving the benefits of initial electrification through such systems.

Annexure

Annexure referred to in reply to Parts (a),(b)& (c) of Lok Sabha Unstarred Question No. 2403 for 4.12.2000 regarding Electricity to villages through NCES.

Details of central financial assistance provided under the programmes of the Ministry of Non-Conventional Energy Sources.

S. No.	System	Central Financial Assistance
1.	Solar Lantern	Rs.1500 /- (fixed)
2.	Home Lighting System/ Solar Home System	Rs. 6,000 or 50 % of ex-works cost, which ever is less
3.	Street Lighting System	Rs.12,000 or 50 % of ex-works cost, which ever is less
4.	Power Plants & Other systems	Rs. 2,00,000 / KWp of PV array Capacity or 50 % of ex-works cost, which ever is less
5.	PV water pumping systems	Rs. 125 per Wp of PV array used, subject to a maximum of Rs. 2,50,000.
6.	Biomass Gasifiers for electrification	30% - 90% of the total project cost depending upon the location and capacity of the project.
7	Small Hydro Power projects upon the(upto 1 MW)	Upto Rs. 30,000 - 60,000 per kW depending location of the project